

## EAST Search History

S50	1	S47 same S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:24
S51	30	S47 same retardation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:28
S52	772	S47 and retardation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:28
S53	742	S52 not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:28
S54	573740	(liquid near crystal\$6) or liquid-crystal\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:28
S55	153	S53 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:36
S56	80	S53 and lcd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:36
S57	9	S56 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:36
S58	153	S52 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:39

## EAST Search History

S59	71	S58 and lcd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:38
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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	961	negative near anisotropy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:08
L7	109758	fiberglass or (glass near (cloth or fabric or weave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:06
L8	1	5 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:11
L9	9047	glass near (woven or nonwoven)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:05
L12	0	5 and (woven or nonwoven)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:18
L13	86	(cloth or fabric or weave) and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:18
L14	0	(cloth or fabric or weave) same 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:11
L15	885	negative near birefringence	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:08
L16	15	15 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:10

## EAST Search History

L17	0	15 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:08
L18	0	15 same 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:08
L19	237	negative near retardation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:08
L20	0	19 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:09
L21	0	19 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:09
L23	121	"nx>ny>nz"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:14
L25	0	(cloth or fabric or weave) same 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:11
L26	1	(cloth or fabric or weave) and 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:11
L28	0	23 and (woven or nonwoven)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:12

## EAST Search History

L31	1332	nx near ny near nz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:15
L32	24	31 and 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:16
L33	2	31 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:15
L35	67	31 and (woven or nonwoven)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:18
L36	228	(cloth or fabric or weave) and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 19:18
S1	5	"6111312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:40
S2	2	"20020060762"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:41
S3	220	"112812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:43
S4	44	"0112812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:42

## EAST Search History

S5	3	"11-2812"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:58
S6	1	10/538118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:47
S7	1657704	fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:50
S8	26387	quarter near wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:50
S9	1909	quarterwave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:50
S10	13053	quarter-wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:50
S11	16859	"1/4" same phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:50
S12	30789	S9 or S10 or S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:51
S13	43546	S12 or S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:51

## EAST Search History

S14	1844	S7 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:51
S15	142154	S7 same (align\$6 or orient\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:08
S16	894	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:53
S17	332761	polariz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:53
S18	563	cross-nicol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:53
S19	563	cross-nicols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:53
S20	23	cross-nichols	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:53
S21	23	cross-nichol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:54
S22	1439	cross near nicol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:54

## EAST Search History

S23	40	cross near nichol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:54
S24	127112	crossed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:54
S25	128386	S18 or S19 or S20 or S21 or S22 or S23 or S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:54
S26	10495	S25 same S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:55
S27	1216840	absorption or absorbance or absorbing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:55
S28	135090	S27 same (direction or axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:56
S29	48	S16 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 16:03
S30	110	S16 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 15:56
S31	433	S15 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:40



## EAST Search History

S32	17	S31 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 16:04
S33	7	S31 same S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 16:04
S34	485426	filament or monofilament or yarn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:07
S35	50003	S34 same (align\$6 or orient\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:08
S36	82	S35 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:40
S37	17	"3353895"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:17
S38	1950631	S7 or S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:39
S39	2785908	S38 or thread or strand	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:39
S40	45755	S38 same warp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:40

## EAST Search History

S41	737	"1/4" same retardation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:40
S42	11	S15 same S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:41
S43	4	S35 same S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:43
S44	2	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:44
S45	44	S40 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 17:47
S46	35	S13 same warp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:14
S47	109758	fiberglass or (glass near (cloth or fabric or weave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:16
S48	90	S47 same S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:23
S49	6	"3016071"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/24 18:17